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Introduction

Several years ago the Publications Committee of the American Physiological Society recognized that cumulative author and subject indexes to the research journals of the Society would increase their usefulness. Two indexes were published in 1976, one to the *American Journal of Physiology* (1952–1975) and the other to the *Journal of Applied Physiology* (1948–1975). Now the series is continued with the publication of a cumulative index to volumes 1–40 (1938–1977) of the *Journal of Neurophysiology*.

The author index includes authors' names for each article, complete article title, volume number, and initial page number of each article. Co-authors are listed alphabetically with a *see* reference to the first author. This part of the index has been prepared from the cumulative tables of contents from each of the 40 volumes.

The subject index was prepared by Constantine J. Gillespie of the National Institutes of Health Library. Manual indexing was selected to insure uniform treatment of research reported during the 40 years covered by the indexed volumes. Main headings are printed in bold face and secondary headings in regular type. Cross references (*see* and *see also*) are included. Brenda B. Rauner coordinated production of the index, which involved the computer and composition facilities at Science Press, printing at Lancaster Press, and copy editing and proof reading at the Society editorial office. Copy editors and proof readers were Yvette W. Gordon, Joan Osleeb, and Kathleen B. Rotondo. Stephen R. Geiger served as advisor on the project.

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